

ABSTRACT OF THE DISCLOSURE

A charge pump is provided with two independent outlets that can satisfy the pressure requirements of both a charge circuit and an auxiliary circuit. Preferably, the charge
5 pump is a multiple roller vane pump that has at least one inlet and two outlets independent of each other. The first outlet is in fluid communication with a charge circuit, and the second outlet is in fluid communication with an
auxiliary circuit. Because the two outlets are independent
10 of each other, the roller vane pump is able to satisfy the pressure requirements of both the charge and auxiliary circuits. Preferably, the two outlets are diametrically opposed to each other, thereby reducing the load on the
driveshaft. Additionally, the roller vane pump may include
15 a second inlet independent of the first.